## Staff Data - Entity Relationship Diagram **StaffDemo** StaffAssign One record for every certificated staff One record for every member working at a teacher, school, class, and Α district. class section. REC ID REC ID CD CODE CD CODE SCH CODE COUNTY COUNTY DISTRICT DISTRICT **GENDER SCHOOL** ED LEVEL STAFF TYPE ETHNIC GP ASSIGNMENT CODE YRS TEACH CLASS ID YRS DIST CLASS SECTION ID **STATUS** COURSE CODE FTE TEACH EST\_FTE FTE ADMIN FTE PUPIL В С **ClassSection** ClassSectionEnroll **StaffCred** One record for every school, One record for every school, class, class section, grade, class, and class section. One record for every and gender. certificated staff CD CODE CD CODE member and each SCH CODE SCH CODE credential they have COUNTY COUNTY received. DISTRICT DISTRICT SCHOOL REC ID SCHOOL CLASS ID CRED TYPE CLASS ID CLASS SECTION ID **AUTH TYPE** CLASS SECTION ID COURSE CODE COURSE CODE **ENROLLMENT** GRADE LEVEL UC\_CSU **GENDER** NCLB CORE **ENROLL HISPANIC** NCLB HQT ENROLL FILIPINO DIST LEARN ENROLL ASIAN SPEC ED ENROLL AFRAM IND\_STUDY

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ENROLL\_WHITE ENROLL\_ ENROLL\_EL ENROLL TOTAL

## **Staff Data Entity Relationship Diagram**

Α

Each staff member (StaffDemo record) will have one or more staff assignments (StaffAssign record) valid on Information Day. Assignments are either: (1) teaching assignments, which will include a Course Code, Class ID, and Class Section ID; or (2) administrative or pupil services assignments, which will have an Assignment Code.

**Note**: Staff working at more than one district will have a record for each district.

Primary Key (PK) and Foreign Key (FK) Information

- StaffDemo PK = REC ID + CD CODE
- StaffAssign PK = REC ID + CD CODE + CLASS ID + CLASS SECTION ID
- StaffAssign FK = REC\_ID

В

Each staff teaching assignment (StaffAssign record) will have one or more class sections (ClassSection record) valid on Information Day. Usually one class section (or subject) is taught in one class – so there will be one class section record for a class. In some cases, more than one sections can be taught in one class (i.e., Section 1 - French 1 and Section 2 - French 2 may be taught in one class). In this case, there will be two class section records for a Class ID.

**Note**: In the case of team teaching, a class section will have more than one associated staff assignment records.

Primary Key (PK) and Foreign Key (FK) Information

- StaffAssign PK = REC ID + CD CODE + SCH CODE + CLASS ID + CLASS SECTION ID
- ClassSection PK = CD CODE + SCH CODE+ CLASS ID + CLASS SECTION ID
- ClassSection FK = CD CODE + SCH CODE + CLASS ID + CLASS SECTION ID

С

Each staff teaching assignment (StaffAssign Record) will have one or more class section enrollments (ClassSectionEnroll record) valid on Information Day. Use the CDS Code, Class ID, and Class Section ID to find all enrollment records for a specific class section or class. One enrollment record will exist for each grade and gender.

**Note**: In the case of team teaching, a class section enrollment record will have more than one associated staff assignment records.

Primary Key (PK) and Foreign Key (FK) Information

- StaffAssign PK = REC ID + CD CODE + SCH CODE + CLASS ID + CLASS SECTION ID
- ClassSectionEnroll PK = CD\_CODE + SCH\_CODE + CLASS\_ID + CLASS\_SECTION\_ID
- ClassSectionEnroll FK = CD CODE + SCH CODE + CLASS ID + CLASS SECTION ID

D

Each class section (ClassSection record) will have one or more class section enrollments (ClassSectionEnrollment records) effective on Information Day. In some cases, class section enrollment may not be available.

Primary Key (PK) and Foreign Key (FK) Information

- ClassSection PK = CD CODE + SCH CODE + CLASS ID + CLASS SECTION ID
- ClassSectionEnroll PK = CD CODE + SCH CODE + CLASS ID + CLASS SECTION ID
- ClassSectionEnroll FK = CD CODE + SCH CODE + CLASS ID + CLASS SECTION ID

Ε

Each staff member (StaffDemo record) will have one or more credentials (StaffCred records), with associated authorizations, that are valid on Information Day. Some staff members may have no credentials valid on Information Day.

Primary Key (PK) and Foreign Key (FK) Information

- StaffDemo PK = REC ID + CD CODE
- StaffCred PK = REC ID
- StaffCred FK = REC\_ID